



C.R. Room 4  
S-41-9

(annotated)  
(CM-3)

# U.S.S. AROOSTOOK & SHAWMUT

## MINE LAYERS.

Room 4

RG 19  
Alpha file  
Aroostook (CM-3)

NUMBER & ORDER OF PLANS
GENERAL INFORMATION
OUTBOARD PROFILE
INBOARD PROFILE
MIDSHIP SECTIONS
CROSS SECTIONS
BRIDGE DECK
UPPER DECK
SPAR DECK
MINE DECK
LOWER DECK
PLATFORMS
TANKS

CORRECTED TO SUIT SHIP		
PLACE	DATE	FOR CONSTRUCTION OFFICER

ALL DISCREPANCIES IN THIS BOOKLET SHOULD BE REPORTED TO THE HOME YARD OF THE VESSEL BY THE 1ST OF JUNE & THE 1ST OF NOVEMBER IN ORDER THAT THE SEMI-ANNUAL CORRECTIONS MAY BE MADE.

BOOKLET  
OF  
GENERAL PLANS

PREPARED IN OFFICE OF  
CONSTRUCTION OFFICER, HULL DIV.  
BOSTON NAVY YARD.

NAVAL CONSTRUCTOR, U.S.N.  
CONSTRUCTION OFFICER

IN CHARGE OF WORK *all*

DELINEATOR *1*

TRACER *1*

EXAMINED BY *Egan*  
CHIEF DRAFTSMAN

DATE

C.&R.No.



# GENERAL INFORMATION.

## U.S.S. AROOSTOOK & SHAWMUT. MINE LAYERS.

LENGTH BETWEEN PERPENDICULARS 375 FT. 0 IN.  
 PROJECTION FORWARD OF F.P. 0 " 0 "  
 " AFT OF A.P. 11 " 7 "  
 LENGTH OVER ALL 386 " 7 "  
 " L.W.L. 375 " 0 "  
 " OF STRAIGHT KEEL 265 " 10 1/2 "  
 BREADTH, MOULDED 52 " 0 "  
 " EXTREME 52 " 2 "  
 DEPTH, MOULDED, MINE DK SIDE AT DL 23 " 2 3/4 "  
 DRAFT 16 " 0 "  
 FRAME SPACING "O - "166 2 " 3 "  
 " " "166 - "167 3 " 0 "  
 " " "167 - "168 2 " 3 "  
 SCREWS - 2-4 BLADED - SOLID DIA. 12 " 5 "  
 " - PITCH 19 " 3 "  
 " AREA - EXPANDED 58.75  
 " " - PROJECTED 42.6  
 " CENTER FORD OF A.P. 13 FT. 2 IN  
 RUDDER AXIS AFT " " 0 " 6 3/4 "  
 NO. OF COMPARTMENTS 33

## ENGINES.

## BOILERS.

## BATTERY.

5" - 51 R.F. GUN 4 BET. FR. 160 & 161 SPAR DK.  
 3" - A.A. GUN 4 " " 12 & 13 UPPER "  
 3" - A.A. GUN 4 " " 134 & 135 SPAR "

## AMMUNITION STOWAGE.

FORD HOLD, FR 18 TO 26 - 3" A.A. & SMALL ARMS AMMUN.  
 AFTER " " 142 TO 151 - 5" SHELLS, POWDER TANKS, & 3" "

## COMPLEMENT.

COMMANDING OFFICER	1	SEAMAN BRANCH	95
WARD ROOM OFFICERS	19	ARTIFICER "	22
OFFICERS	20	ENGINE ROOM "	144
CREW	296	SPECIAL	14
TOTAL	316	COMMISSARY	8
		MESSMEN	13

## CAPACITIES OF INNER BOTTOM COMP'S.

A-102	FRESH WATER TANK	No. 1.	CAP. 19220 GAL.
A-103	FUEL OIL TANK	" 2 "	" 31100 "
A-104	"	" 3 "	" 46250 "
B-1	BOILER FEED WATER	" 2 "	" 12110 "
B-2	"	" 1 "	" 12110 "
B-3	"	" 4 "	" 14420 "
B-4	"	" 3 "	" 14420 "
C-1	INNER BOTTOM TANK	" 6 "	" 21550 "
C-2	"	" 5 "	" 21550 "
D-101	REFRIG. MACH. & LUBRICATING OIL		
D-102			
D-103			
D-104	AFTER DEEP TANK		18010 "

## COAL BUNKERS.

B-102 CAPACITY 219 TONS  
 B-103 " 219 "

## WATER TANKS.

2 - FRESH WATER TANKS IN HOLD BETWEEN FR'S  
 No. 129 & 133, CAPACITY 2750 GAL. EACH.  
 FEED & FILTER TANK FORT SIDE ENGINE ROOM.

## SMALL BOATS

1 - 36 FT. MOTOR SAILING LAUNCH	70 MEN
1 - " " " "	70 "
1 - 30 " WHALE BOAT	28 "
1 - " " " "	28 "
1 - 21 " MOTOR DORY	10 "
1 - 14 " PUNT	
TOTAL 206 "	
WE IN-LIFE RAFTS: - 2 - 13'0" x 8'0" x 16",	
2 - 11'6" x 7'0" x 12", & 4 - 10'0" x 5'6" x 12".	

## FIRE PLUGS.

BRIDGE DECK	1
UPPER "	6
SPAR "	6
MINE "	6
HOLD - SPRINKLER SYSTEMS	2

## HEIGHTS.

(THESE FIGURES ARE TAKEN TO 16 FT. W.L.)

FORE MAST	16 FT. W.L. TO TOP OF MAST	100 FT. 9 IN.
	" " " " RADIO ANTENNA	93 FT. 3 "
	" " " " UPPER DECK	28 " 3 "
	" " " " CROW'S NEST	77 " 3 "
MAIN MAST	" " " " SIGNAL YARD	79 " 3 "
	16 FT. W.L. TO TOP OF MAST	100 FT. 9 IN.
	" " " " RADIO ANTENNA	92 " 5 "
	" " " " UPPER DECK	24 " 0 "
	" " " " CROW'S NEST	76 " 4 "

BRIDGE BET. FR'S 39 & 47.	
HEIGHT OF BRIDGE FROM L.W.L.	47 FT. 10 IN.
" " FORD SEARCHLIGHT PLAT. TOL. WL.	61 " 0 "
" " AFTER " "	46 " 2 "
" " FORD SMOKE STACK " "	69 " 4 "
" " AFTER " "	68 " 0 "
" " UPPER DECK AT STEM " "	33 " 0 "
" " SPAR " " STERN " "	19 " 6 "

BURNIEY GEAR SKEG 13 FT. 11 IN. AFT AND  
 SETS 1 IN. ABOVE BOTTOM OF KEEL.

## OIL TANK.

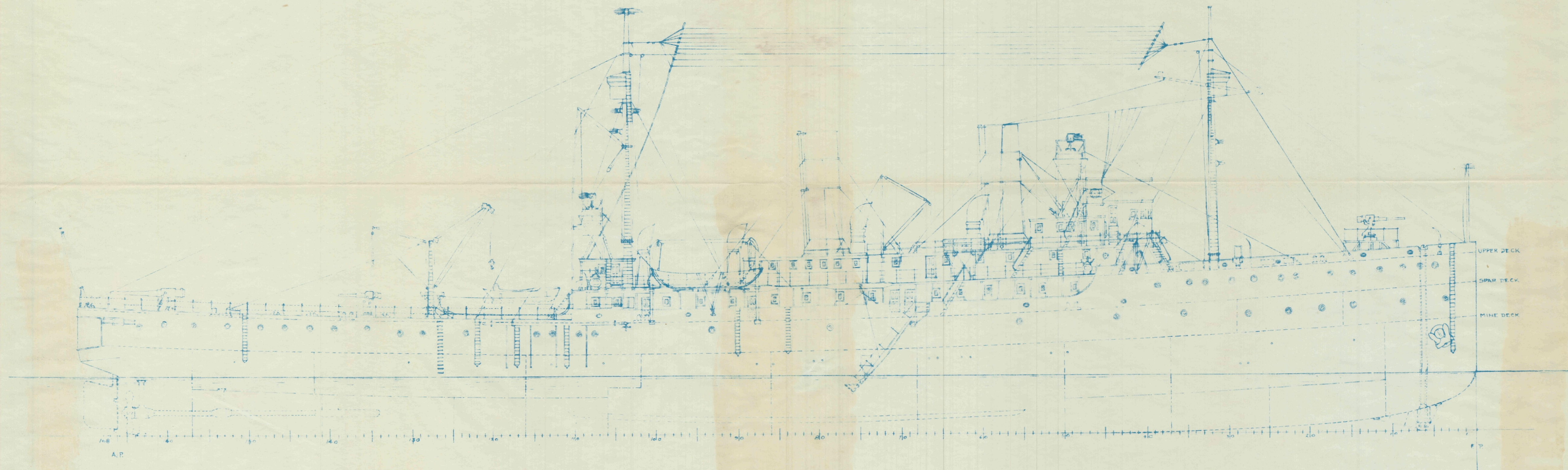
COM'T D202 FUEL OIL TANK 55100 GAL.



U.S.S. ARDSTOCK & SHAWMUT.

OUTBOARD PROFILE.

SCALE  $\frac{1}{16}$ " = 1'-0".



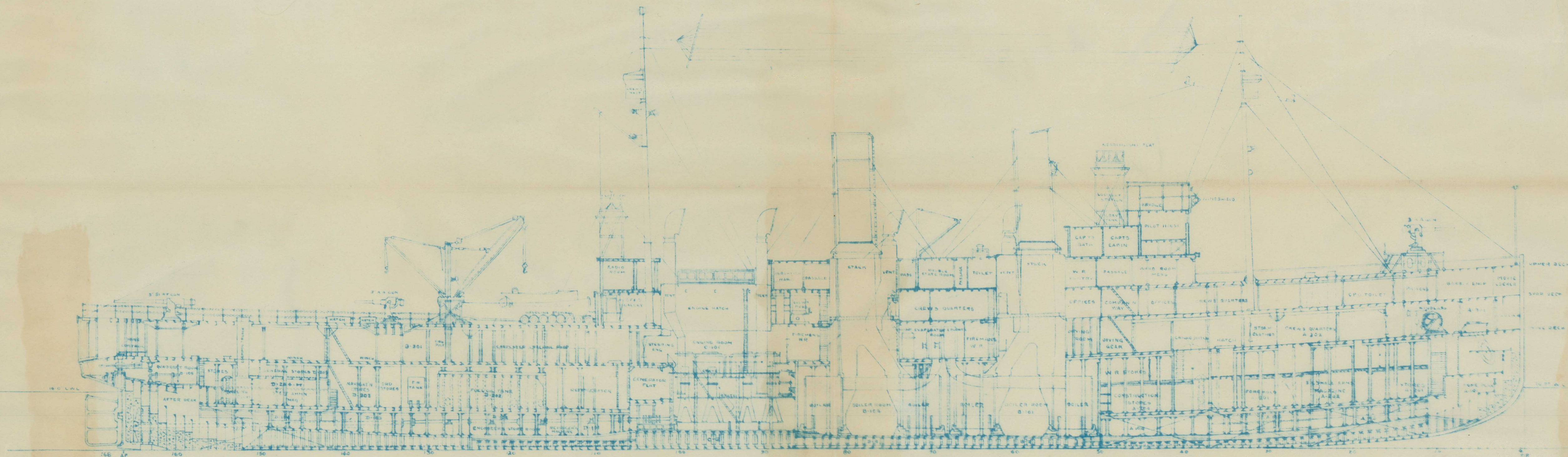
U.S.S. ARDSTOCK & SHAWMUT  
OUTBOARD PROFILE  
SCALE  $\frac{1}{16}$ " = 1'-0"



# U.S.S. AROOSTOOK & SHAWMUT

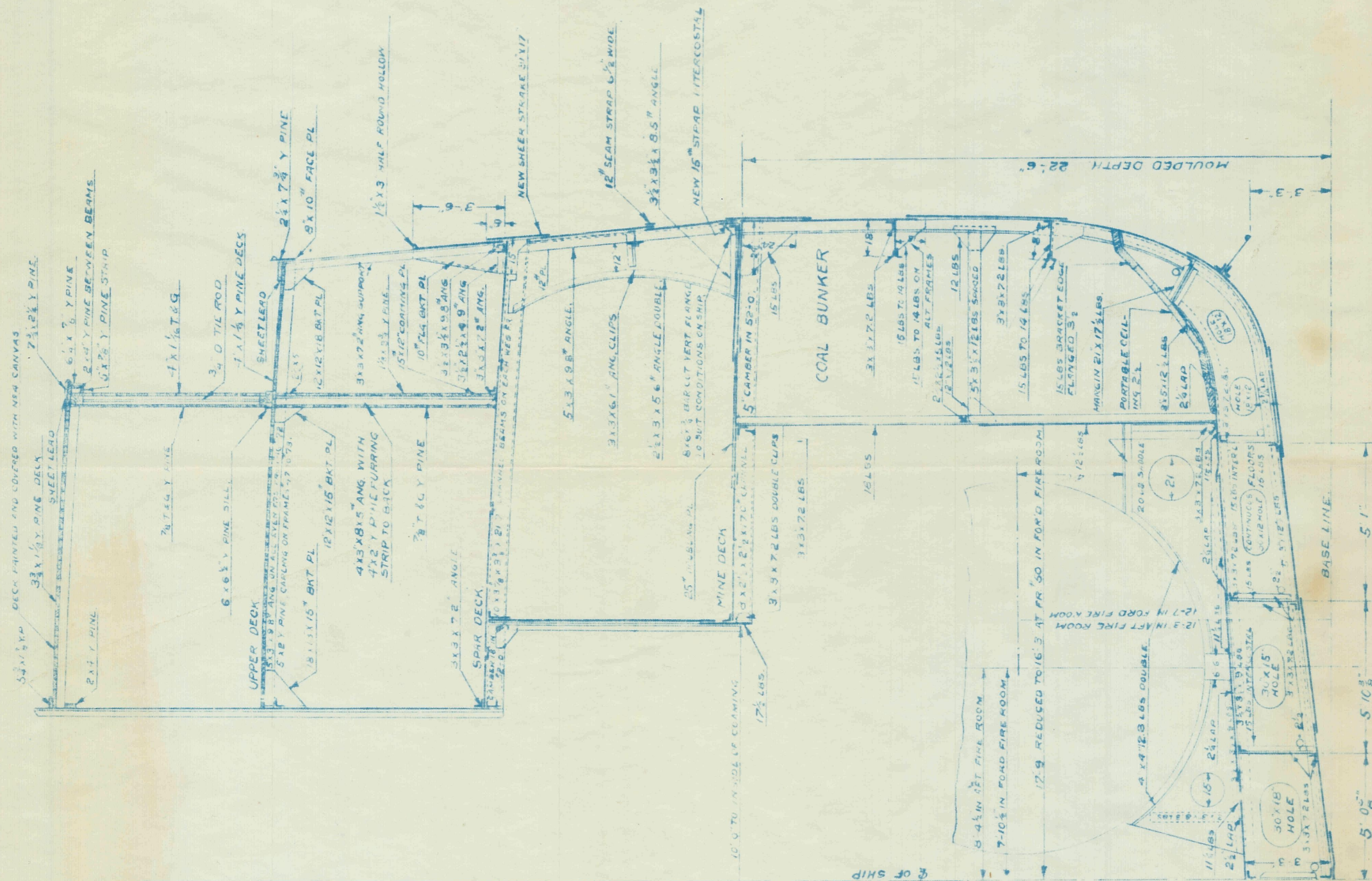
## INBOARD PROFILE

SCALE -  $\frac{1}{16}'' = 1'-0''$

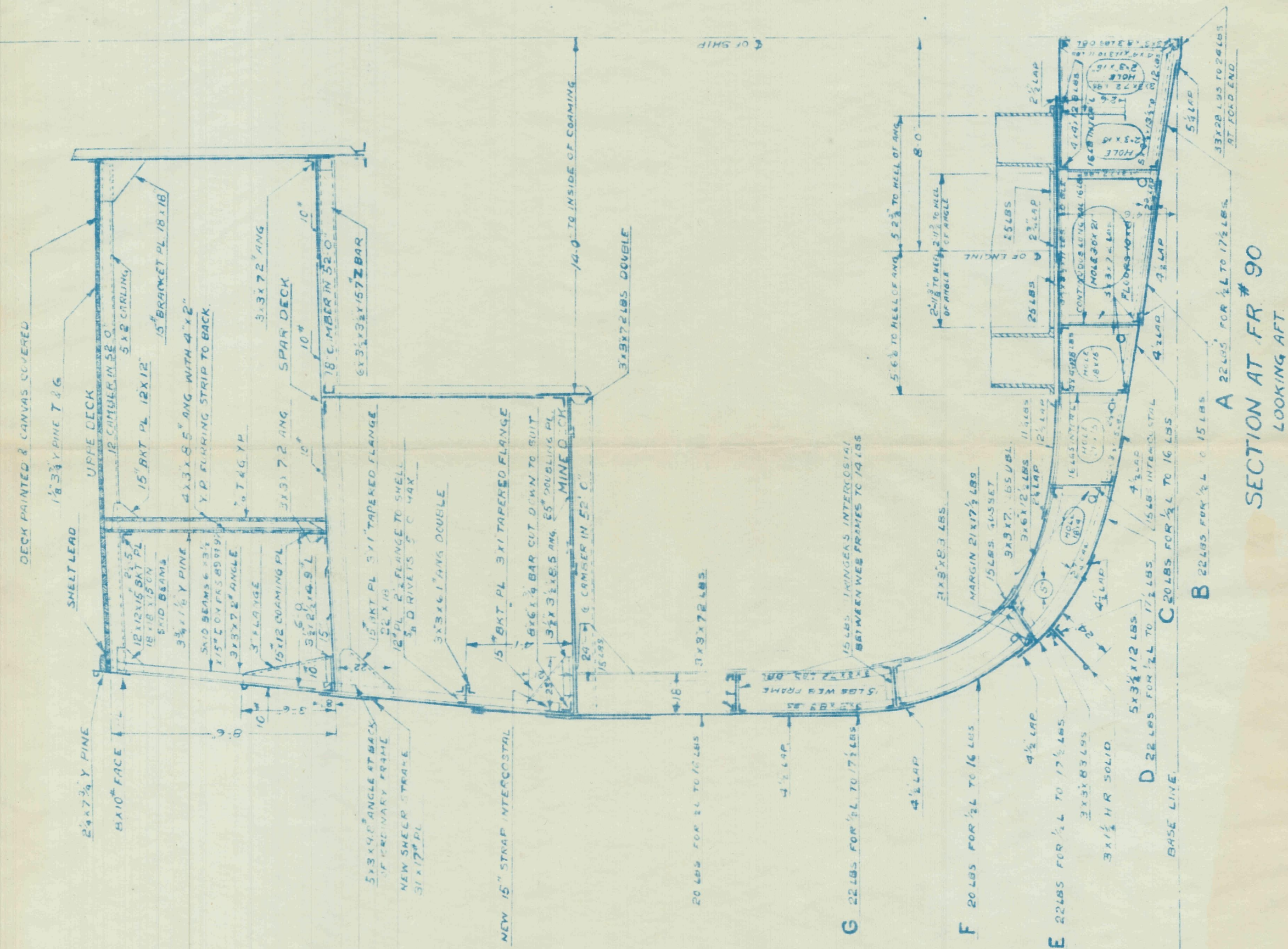




SCALE —  $\frac{1}{4}'' = 1'-0''$

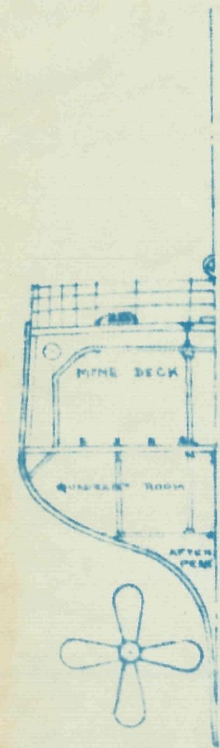


SECTION AT FR # 58  
LOOKING FORD.

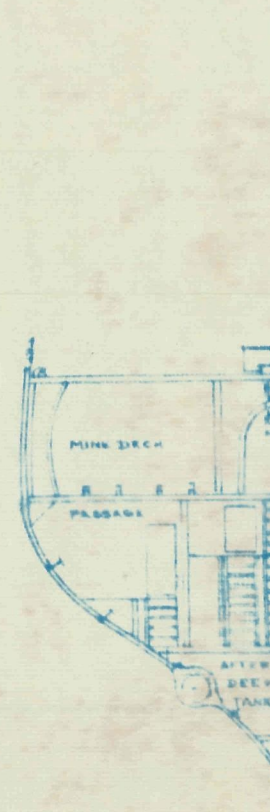


SECTION AT FR # 90  
LOOKING AFT

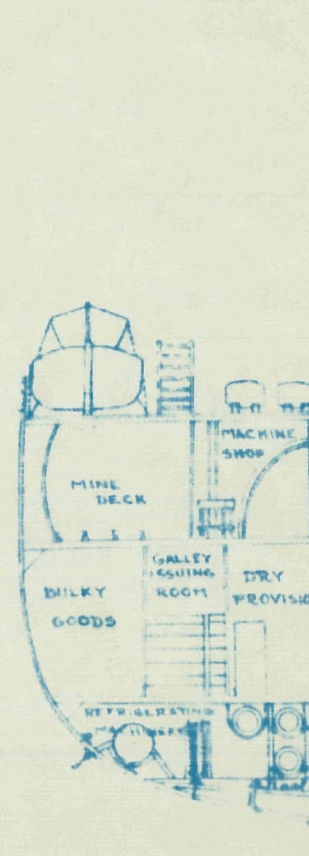




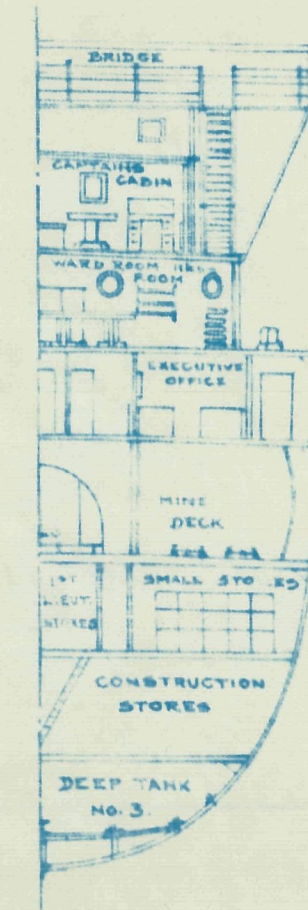
SECTION ON FRAME 161  
LOOKING AFT



SECTION ON FRAME 141  
LOOKING AFT



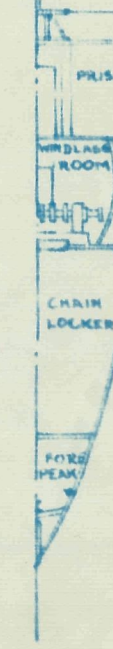
SECTION ON FRAME 110  
LOOKING AFT



SECTION ON FRAME 46  
LOOKING FORWARD



SECTION ON FRAME 28  
LOOKING FORWARD



SECTION ON FRAME 11  
LOOKING FORWARD

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## SMALL SECTIONS.

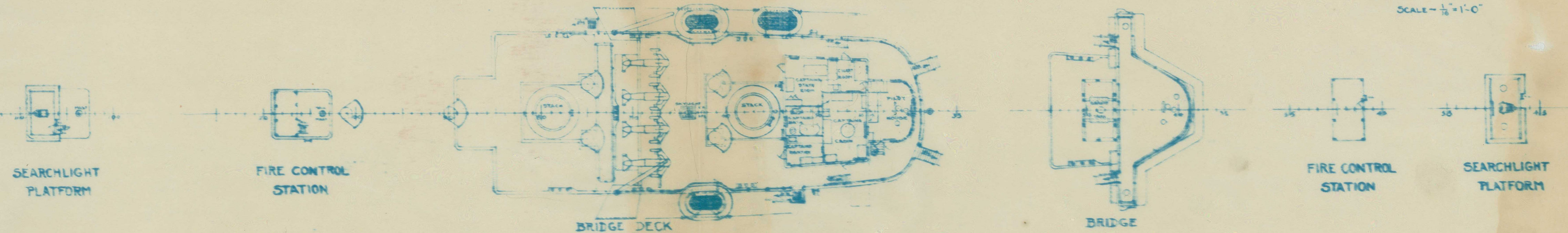
SCALE -  $\frac{1}{16}'' = 1'-0''$



U.S.S. ARROSTOOK & SHAWMUT.

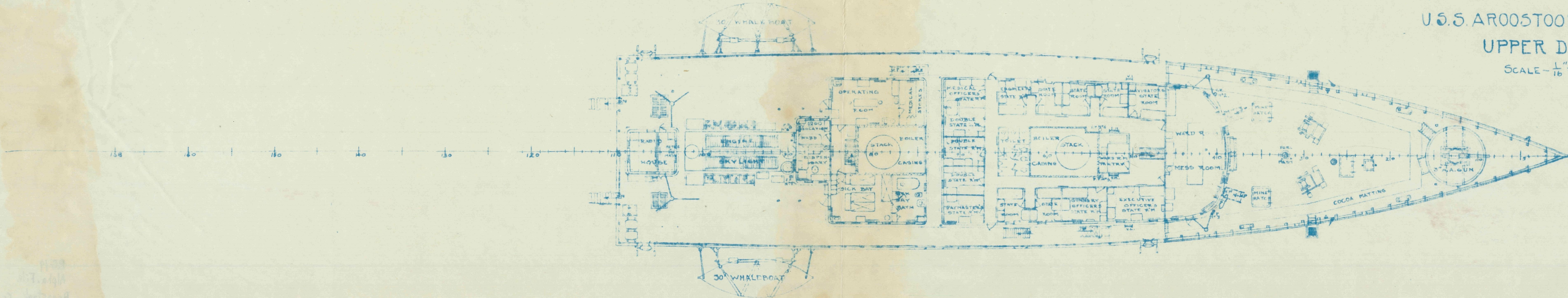
BRIDGE DECK.

SCALE -  $\frac{1}{16}'' = 1'-0''$

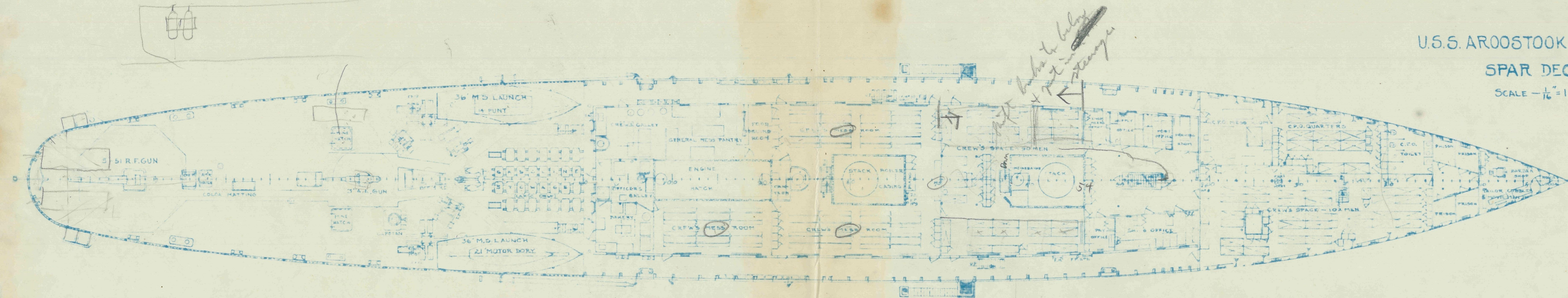




SCALE -  $\frac{1}{16}" = 1'-0"$







U.S.S. ARROSTOOK & SHAWMUT

SPAR DECK

SCALE -  $\frac{1}{16}$ " = 1'-0"

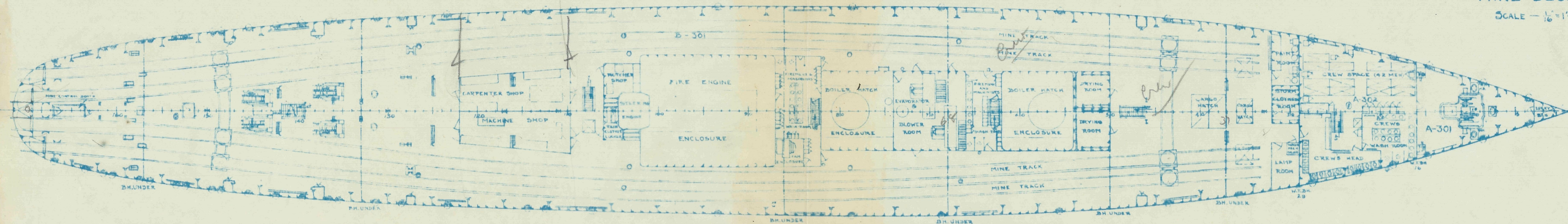
*Handwritten note:*  
 7' 6" to below  
 7' 6" to 11' 6" storage

*Handwritten notes:*  
 1182  
 1182  
 1182



MINE DECK

SCALE —  $\frac{1}{16}'' = 1'-0''$

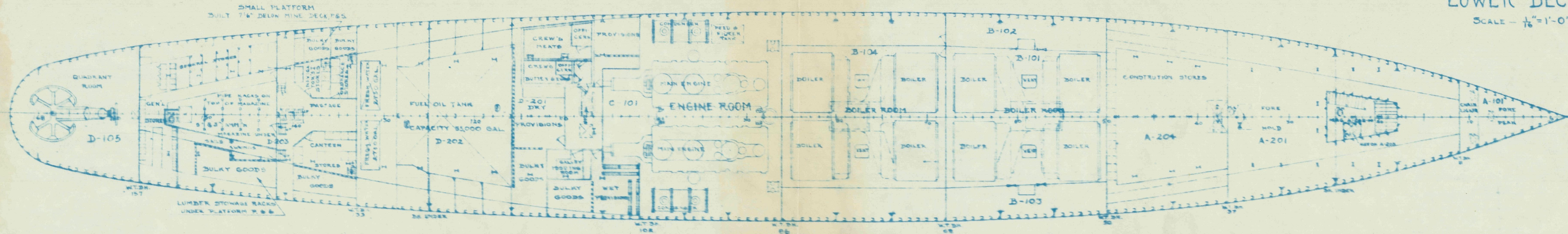




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LOWER DECK

SCALE -  $\frac{1}{16}'' = 1'-0''$

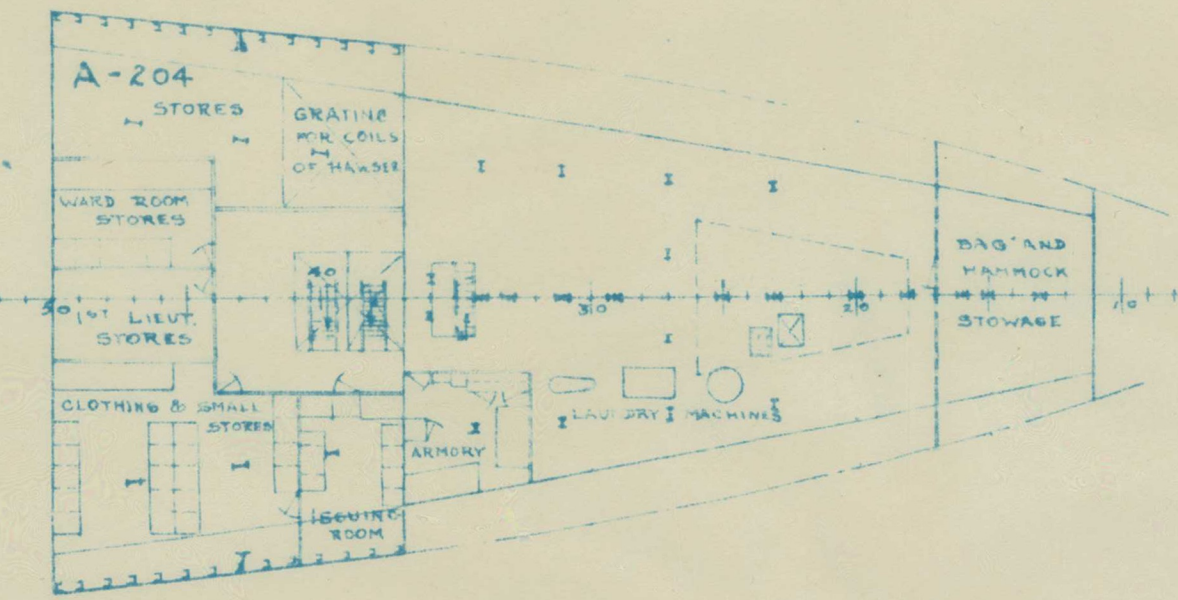
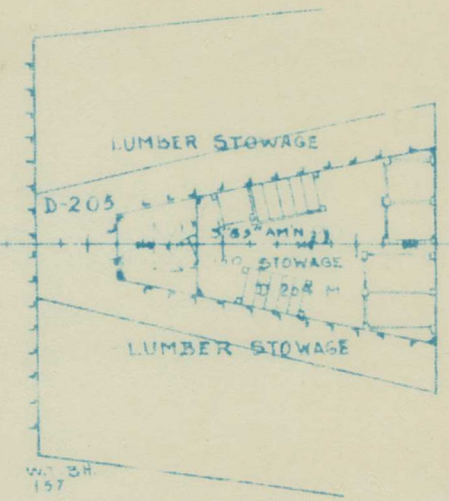




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## PLATFORMS

SCALE  $\frac{1}{16}'' = 1'-0''$



PLATFORM 8'-0" BELOW MINE DECK.

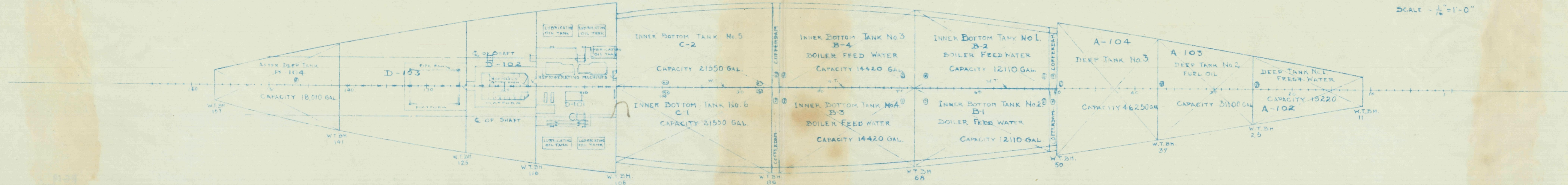
P. 108  
 107. 1078  
 (E.M.) 1078  
 1078



# U.S.S. ARROOSTOOK & SHAWMUT

## TANKS

SCALE -  $\frac{1}{16}$ " = 1'-0"



(S-113) 1000000  
61-7630